Abstract

A method (Figure 5) and apparatus (Figure 3) to provide control and policy enforcement of WAP (Wireless Application Protocol) services in a wireless data networks is taught herein. WAP traffic is inspected with efficient algorithms to intercept un-registered WAP access and intercept dynamic change of user service selection. The intercepted WAP requests are modified with value-added parameters (such as QoS and subscriber identifiers) as per user and service provider agreement and table data. A series of strategies are described to blend wireless intelligence, user preference and service subscription, network operator requirements and service provider or enterprise preferences into routing and drive page generation. The means to dynamically provision users' service choices to wireless network elements are also presented without having to break the session within the system. This enables innovative data services such as pay-per-use, smart routing, and enterprise secured WAP services unlike any current conventional system.